



NORTHEASTERN REGION FARM COMPUTER USAGE AND OWNERSHIP REPORT

NATIONAL AGRICULTURAL STATISTICS SERVICE



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Farm Computer Usage and Ownership Highlights

General computer usage and internet access categories increased from 2017 to 2019 in the United States. Nationally, 75 percent of farms reported having access to the internet, with 73 percent of farms having access to a desktop or laptop computer. Farms that used a desktop or laptop computer to conduct farm business was up 1 percent from 2017. Over half of the farms in the United States used a smart phone or tablet to conduct farm business, compared to 44 percent in 2017.

In 2019, 26 percent of farms used satellite and 22 percent of farms used a Digital Subscriber Line (DSL) to access the internet. Since 2017, Satellite and DSL continue to be the most popular choices that United States farms use to access the internet.

Farm Computer Usage – Northeastern States and United States: 2017 and 2019

State	Farms			
	With desktop or laptop computer access		That own or lease desktop or laptop computers	
	2017	2019	2017	2019
	(percent)			
Maryland ¹	74	79	65	71
New Hampshire ²	83	89	78	84
New Jersey	89	89	80	80
New York	83	83	80	77
Pennsylvania	58	66	56	62
United States ³	72	73	68	69

State	Farms					
	Using desktop or laptop computers for farm business		Use smart phone/ tablet for farm business		With Internet access	
	2017	2019	2017	2019	2017	2019
	(percent)					
Maryland ¹	48	48	55	55	70	77
New Hampshire ²	55	64	45	58	83	94
New Jersey	56	56	58	58	91	91
New York	66	62	56	56	83	81
Pennsylvania	40	40	35	39	62	64
United States ³	48	49	44	52	73	75

¹ Includes Delaware and Maryland.

² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

³ Excludes Alaska and Hawaii.

Use of Internet – Northeastern States and United States: 2017 and 2019

[Agricultural inputs include seed, fertilizer, chemicals, veterinarian supplies, feed, machinery, replacement parts, farm supplies, office equipment, etc. Agricultural marketing activities include direct sales of commodities, on-line crop and livestock auctions, on-line market advisory services, commodity price tracking, etc.]

State	Farms			
	Purchase agricultural inputs over Internet		Conduct agricultural marketing activities over Internet	
	2017	2019	2017	2019
	(percent)			
Maryland ¹	23	36	21	31
New Hampshire ²	42	41	26	33
New Jersey	42	44	27	27
New York	42	42	25	24
Pennsylvania	26	24	18	14
United States ³	24	24	19	19

¹ Includes Delaware and Maryland.

² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

³ Excludes Alaska and Hawaii.

Primary Method of Internet Access – Northeastern States and United States: 2017 and 2019

[Primary method of Internet access for those operators who have access to the Internet]

State	Farms					
	Dialup		DSL		Cable	
	2017	2019	2017	2019	2017	2019
	(percent)					
Maryland ¹	2	1	12	21	26	19
New Hampshire ²	3	1	38	34	46	42
New Jersey	1	-	25	30	43	31
New York	2	1	30	25	34	28
Pennsylvania	4	1	35	39	28	30
United States ³	3	3	28	22	16	16

State	Farms							
	Fiber optic		Mobile		Satellite		Other/unknown	
	2017	2019	2017	2019	2017	2019	2017	2019
	(percent)							
Maryland ¹	9	9	18	22	25	25	8	3
New Hampshire ²	6	7	4	4	2	10	1	2
New Jersey	8	8	12	20	2	9	9	2
New York	2	2	18	21	8	21	6	2
Pennsylvania	3	3	20	20	5	5	5	2
United States ³	9	12	19	18	23	26	2	3

- Represents zero.

¹ Includes Delaware and Maryland.

² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

³ Excludes Alaska and Hawaii.

For the complete "Farm Computer Usage and Ownership" report, go to:

<https://usda.library.cornell.edu/concern/publications/h128nd689>

The "Farm Computer Usage and Ownership" report and all other NASS reports are available online at www.nass.usda.gov.

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